

**WAINFORD RURAL DISTRICT**

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***ANNUAL REPORT***

*of the*

**MEDICAL OFFICER OF HEALTH**

*and the*

**ENGINEER, SURVEYOR**

*and*

**CHIEF PUBLIC HEALTH INSPECTOR**

*for*

**1971**





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**CHIEF PUBLIC HEALTH INSPECTOR**

for the year

**1971**

Medical Officer of Health

A. C. Gee

M.R.C.S., L.R.C.P., D.P.H.

Engineer, Surveyor and  
Chief Public Health Inspector

Ivan S. Armstrong

F.I.P.H.E., F.R.S.H., M.A.P.H.I.

Deputy Surveyor and  
Additional Public Health Inspector

Frank E. Pooley

M.R.S.H., M.A.P.H.I.

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### MEDICAL OFFICER OF HEALTH, THE ENGINEER, SURVEYOR AND CHIEF PUBLIC HEALTH INSPECTOR

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**RURAL DISTRICT OF WAINFORD**  
**ANNUAL REPORT OF THE ENGINEER, SURVEYOR AND CHIEF**  
**PUBLIC HEALTH INSPECTOR FOR 1971**

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To : The Chairman and Members of Wainford Rural District Council

Mr. Chairman, Ladies and Gentlemen,

I have the honour to present the Annual Report on the health of the Rural District for the year, 1971.

There has been a slight fall in the population to 6,750, from the figure of 7,020 in 1970. The number of live births has also fallen, a trend which has been going on for the past three or four years. The adjusted Birth Rate is 14.4, which is somewhat below that of 16.0 for England and Wales as a whole.

The number of deaths recorded during the year was 97, which was considerably higher than the average during the previous few years. This gave an adjusted Death Rate of 13.8 a figure somewhat above that of 11.6 for England and Wales.

There were no still-births during the year and three infants died under the age of 1 year. There were no maternal mortality deaths.

There were only 19 deaths from cancer recorded during the year, which is a satisfactorily low proportion of the total number of deaths. The greater number of deaths were due to disease of the heart and circulatory system.

The only infectious disease of any significance, occurring during the year, was measles of which 34 cases were recorded.

May I conclude this brief summary of the Health Statistics of the district by thanking you, Mr. Chairman, and your Committee for your interest in this aspect of the Council's work during the year.

A. C. Gee  
Medical Officer of Health

Council Offices,  
1 Saltgate,  
Beccles



## GENERAL STATISTICS

Area (in acres) .....	44,900
Registrar-General's estimate of population (mid-1971) .....	6,750
Number of inhabited houses (estimated) .....	2,489
Rateable Value .....	£163,798
Product of Penny Rate (estimated) .....	£1,608
Number of Parishes .....	33

	Wainford R.D.	England and Wales
<b>Live Births</b>		
Number .....	89	783,165
Rate per 1,000 population .....	13.2	16.0
<b>Illegitimate Live Births</b> per cent of total live births .....	4.0	8.0
<b>Stillbirths</b>		
Number .....	—	9,898
Rate per 1,000 total live and still births .....	—	12.0
<b>Total Live and Still Births</b> .....	89	793,063
<b>Infant Deaths</b> (deaths under 1 year) .....	3	30,589
<b>Infant Mortality Rates</b>		
Total infant deaths per 1,000 total live births .....	11	18
Legitimate infant deaths per 1,000 legitimate live births .....	12	17
Illegitimate infant deaths per 1,000 illegitimate live births .....	—	24
<b>Neo-Natal Mortality Rate</b> (deaths under 4 weeks per 1,000 total live births) .....	11	12
<b>Early Neo-Mortality Rate</b> (deaths under 1 week per 1,000 live births) .....	11	10
<b>Perinatal Mortality Rate</b> (stillbirths and deaths under 1 week combined per 1,000 total live and still births) .....	11	22
<b>Maternal Mortality</b> (including abortion)		
Number of deaths .....	—	—
Rate per 1,000 total live and still births .....	—	—

## VITAL STATISTICS

								Male	Female	Total
<b>Live Births</b>										
Total	.....	.....	.....	.....	.....	.....	.....	41	48	89
Legitimate	.....	.....	.....	.....	.....	.....	.....	41	44	85
Illegitimate	.....	.....	.....	.....	.....	.....	.....	—	4	4
<b>Still Births</b>										
Total	.....	.....	.....	.....	.....	.....	.....	—	—	—
Legitimate	.....	.....	.....	.....	.....	.....	.....	—	—	—
Illegitimate	.....	.....	.....	.....	.....	.....	.....	—	—	—
<b>Deaths of Infants Under 1 Year of Age</b>										
Total	.....	.....	.....	.....	.....	.....	.....	—	1	1
Legitimate	.....	.....	.....	.....	.....	.....	.....	—	1	1
Illegitimate	.....	.....	.....	.....	.....	.....	.....	—	—	—
<b>Deaths of Infants Under 4 Weeks of Age</b>										
Total	.....	.....	.....	.....	.....	.....	.....	—	1	1
Legitimate	.....	.....	.....	.....	.....	.....	.....	—	1	1
Illegitimate	.....	.....	.....	.....	.....	.....	.....	—	—	—
<b>Deaths of Infants Under 1 Week of Age</b>										
Total	.....	.....	.....	.....	.....	.....	.....	—	1	1
Legitimate	.....	.....	.....	.....	.....	.....	.....	—	1	1
Illegitimate	.....	.....	.....	.....	.....	.....	.....	—	—	—
<b>Deaths — All Ages</b>								48	49	97

## RATES

	Wainford R.D.	England and Wales
Adjusted Birth Rate .....	14.4	16.0
Death rate per 1,000 estimated population (crude rate) .....	14.4	11.6
Adjusted Death Rate .....	13.8	11.6

Comparability Factor (Births) .....	1.09
Comparability Factor (Deaths) .....	0.96

## INFANT DEATHS

3 infant deaths recorded

## CAUSE OF DEATH

Cause of Death	Male	Female	Total
Tuberculosis of respiratory system .....	—	1	1
Malignant neoplasm, oesophagus .....	—	1	1
Malignant neoplasm, stomach .....	3	3	6
Malignant neoplasm, intestines .....	—	1	1
Malignant neoplasm, lung, bronchus .....	2	—	2
Malignant neoplasm, breast .....	—	1	1
Other malignant neoplasm .....	4	5	9
Diabetes Mellitus .....	—	1	1
Anaemias .....	—	—	—
Multiple Sclerosis .....	—	—	—
Other diseases of nervous system .....	—	—	—
Hypertensive disease .....	—	3	3
Ischaemic heart disease .....	15	7	22
Other forms of heart disease .....	3	5	8
Cerebrovascular disease .....	11	9	20
Other circulatory diseases .....	3	3	6
Carried Forward .....	41	40	81



Cause of Death						Male	Female	Total
	Brought Forward	.....	.....			41	40	81
Pneumonia	.....	.....	.....	.....	.....	2	1	3
Bronchitis and emphysema	.....	.....	.....	.....	.....	3	2	5
Other dieases of respiratory system				.....	.....	—	1	1
Intestinal Obstruction and Hernia	.....	.....	.....	.....	.....	1	—	1
Other diseases of digestive system	.....	.....	.....	.....	.....	1	1	2
Other diseases, genito-urinary system	.....	.....	.....	.....	.....	—	1	1
Other causes of perinatal mortality	.....	.....	.....	.....	.....	—	1	1
All other accidents	.....	.....	.....	.....	.....	—	1	1
All other external causes	.....	.....	.....	.....	.....	—	1	1
						48	49	97

### DEATHS FROM CANCER OF THE LUNG AND BRONCHUS DURING THE YEARS 1958 — 1971

Year	Male	Female	Total	Death rate per 1,000 Population
1961	1	1	2	0.32
1962	2	—	2	0.32
1963	1	1	2	0.31
1964	5	—	5	0.77
1965	4	—	4	0.61
1966	5	—	5	0.76
1967	3	—	3	0.44
1968	2	—	2	0.29
1969	4	—	4	0.57
1970	1	—	1	0.14
1971	2	—	2	0.29
Total	30	2	32	

## ADJUSTED BIRTH AND DEATH RATE : COMPARABILITY FACTOR

Local birth rates are expressed in terms of population. These populations are estimated by the Registrar General and comprise persons of all ages, including those who have no influence on the birth rate. These latter do, however, affect the birth rate in that a high proportion of them in a population tends to lower, and a small proportion tends to raise the true rate. The size of this proportion will vary in different areas and, therefore, the elimination of standardization of such a factor will give a truer comparison between areas.

The Registrar General issues a comparability factor on these lines. Multiplication of the crude birth rate of an area by the comparability factor gives the adjusted birth rate and can be compared with the crude rate for England and Wales.

The comparability factor for deaths is obtained in a similar way to the above. The factors for certain areas, where rapid increase or reduction in the population materially affects its comparison by sex and age groups, are also adjusted on that account. Death rate area comparability factors are adjusted to take account of the presence of any residential institutions in each area. Birth rate area comparability factors are also adjusted to take account of the presence of sterile populations in institutions for the mentally ill or mentally deficient.

**TABLE SHOWING THE MORE IMPORTANT CAUSES OF DEATH,  
NUMBERS AND PERCENTAGES**

<i>Cause of Death</i>	<i>No. of Deaths</i>		<i>Percentage</i>	
	1971	1970	1971	1970
Diseases of circulatory system .....	59	38	60.8	55.07
Vascular lesions of nervous system .....	—	1	—	1.45
Malignant diseases .....	20	7	20.61	10.15
Pneumonia and Bronchitis .....	8	7	8.25	10.15
Influenza .....	—	—	—	—
All other causes .....	10	16	10.3	23.18
<i>Total :</i>	97	69	100.00	100.00

In 1971 81 per cent of all deaths fell under the first three headings. The comparable figure for 1970 was 66 per cent and for 1969 was 85 per cent.



## COMPARATIVE STATISTICS

	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
Population .....	6,240	6,290	6,340	6,450	6,550	6,680	6,780	6,850	6,970	7,020	6,750
No. of inhabited houses .....	2,068	2,145	2,301	2,132	2,132	2,192	2,331	2,378	2,451	2,514	2,489
No. of Live Births .....	110	93	97	101	89	129	87	115	95	92	89
Birth Rate (crude) .....	17.6	14.7	15.3	15.6	13.5	19.31	12.8	16.8	13.6	13.1	13.2
No. of Still Births .....	5	2	3	1	3	—	1	1	1	1	—
Maternal Mortality	—	—	—	—	—	—	—	—	—	—	—
Infant Mortality Rate .....	18.1	21.5	10.3	9.9	22.4	15.5	22.9	52.1	—	—	11.0
No. of Deaths .....	(2)	(2)	(1)	(1)	(2)	(2)	(2)	(6)	(—)	(—)	(3)
No of Deaths (all ages) .....	50	61	74	64	80	78	70	50	60	69	97
Death Rate (crude) .....	8.1	9.7	11.6	9.9	12.2	11.67	10.32	8.8	8.6	9.8	14.4

**NUMBER OF ALL CONFIRMED CASES OF INFECTIOUS AND OTHER NOTIFIABLE  
DISEASES NOTIFIED DURING THE YEAR 1971 ACCORDING TO AGE AND SEX**

Age	Scarlet Fever			Whooping Cough			Polio			Measles			Diphtheria			Dysentery			Meningococcal Infection			Primary Pneumonia			Erysipelas		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Under 1 year	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1 year	-	-	-	-	-	-	-	-	-	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2 years	-	-	-	-	-	-	-	-	-	2	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3 years	-	-	-	-	-	-	-	-	-	4	3	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4 years	-	-	-	-	-	-	-	-	-	2	2	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5 — 9 years	1	-	1	-	-	-	-	-	-	9	9	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 — 14 years	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15 — 24 years	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25 — 44 years	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
45 — 64 years	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
65 or over	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	1	-	1	1	-	1	-	-	-	18	16	34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

20 Males plus 16 Females — 36



## TUBERCULOSIS

	Males		Females		Total
	Pulmonary	Non-Pulmonary	Pulmonary	Non-Pulmonary	
No. of cases on the Register at 31st December, 1970 .....	4	—	3	1	8
No. of cases added during the year .....	—	—	1	—	1
No. of cases removed during the year .....	—	—	—	—	—
No. of cases on the Register at 31st December, 1971 .....	4	—	4	1	9

Cases added to the Register					Cases removed from the Register				
New notifications .....	.....	.....	.....	1	Recovered .....	.....	.....	.....	—
Inward transfers .....	.....	.....	.....	—	Died .....	.....	.....	.....	—
					Removed to other areas .....	.....	.....	.....	—
Total .....	.....	.....	.....	1	Total .....	.....	.....	.....	—

# RURAL DISTRICT OF WAINFORD

## ANNUAL REPORT OF THE ENGINEER, SURVEYOR AND CHIEF PUBLIC HEALTH INSPECTOR FOR 1971

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To: The Chairman and Members of Wainford Rural District Council

Mr. Chairman, Ladies and Gentlemen,

I have pleasure in presenting my report for 1971 in conjunction with that of the Medical Officer of Health.

As we approach the date for the Re-organisation of Local Government, the Council can look with some pleasure at the great strides they have made in providing the essential services for their area.

Sewerage has continued apace for some years and only capital restrictions have prevented the programme from being completed earlier.

A generous view has always been taken regarding applications for Improvement Grants and about 25 per cent of dwellings in the district have been grant-aided in this way.

As prices have risen so quickly in the private housing sector, more people are requiring rented accommodation and close attention must be given to these needs.

My sincere thanks are due to each one of our small, but excellent staff for their continuing efforts and to Frank Pooley, my Deputy, who covers most of the field work in public health.

IVAN S. ARMSTRONG,  
*Engineer, Surveyor and Chief Public Health Inspector*

Council Offices,  
1 Saltgate,  
Beccles,  
Suffolk



## HOUSING

(a)	Number of houses inspected during year	.....	.....	.....	.....	.....	.....	.....	335
(b)	Number of houses found to be satisfactory	.....	.....	.....	.....	.....	.....	.....	138
(c)	Number of houses rendered fit :								
	By informal action	.....	.....	.....	.....	.....	.....	.....	127
	By formal action	.....	.....	.....	.....	.....	.....	.....	2
(d)	Demolition Orders made	.....	.....	.....	.....	.....	.....	.....	11
(e)	Closing Orders made	.....	.....	.....	.....	.....	.....	.....	4
(f)	Undertakings accepted	.....	.....	.....	.....	.....	.....	.....	—
(g)	Houses demolished under (d)	.....	.....	.....	.....	.....	.....	.....	—
(h)	Houses demolished by informal action	.....	.....	.....	.....	.....	.....	.....	—
(i)	Housing Resurvey	.....	.....	.....	.....	.....	.....	.....	—

This survey has now been completed and the detailed, up-to-date records are being put to good use in the department.

### (j) Provision of Housing accommodation

	<i>By Local Authority</i>	<i>By Private Enterprise</i>
1. Dwellings completed during year	—	38
2. Number of houses in course of construction on 31st December, 1971	—	63
3. Total number of houses owned by Council on 31st December, 1971	472	—

### (k) New Housing

The Council gave serious consideration to the housing needs for the district and decided to build 30 small bungalows on four sites. As the year closed, these schemes were being prepared and land acquired.

The inflating prices for private properties substantially increases the need for Council Housing, especially for the newly married and the elderly.

## Modernisation—Council Dwellings

The Council's programme for the modernisation of its own dwellings is now virtually complete.

A major scheme for insulating all Council Houses was commenced and central heating schemes by electricity were offered to tenants on certain estates. Negotiations were also proceeding with Eastern Electricity to reinforce power supplies in many parts of the district to enable similar schemes to be operated for every estate.

(m)	Overcrowding :			
	No known cases during the year.			
(n)	Improvement Grants	Discretionary	Standard	Total
	Number of dwellings in respect of which applications were made during the year .....	15	14	29
	Number of dwellings in respect of which grants were approved during the year .....	15	14	29
	Total number of dwellings improved during year .....	24	13	37
	Total number of dwellings approved for grants to December 31st, 1971 .....	211	344	555
	Total number of dwellings completed at 31st December, 1971 .....	219	294	513
(o)	Movable Dwellings :			
	Number of site licences in force .....			31
	Inspections made .....			64
	Contraventions remedied .....			—

## FOOD HYGIENE

A complete survey of all premises was carried out during the year.

(a)	Number of food premises .....	46
	Number of premises fitted to comply with Regulation 16 .....	46
	Number of premises to which Regulation 19 applies .....	46
	Number of premises fitted to comply with Regulation 19 .....	46
(b)	Inspections made : .....	405
	Premises found to be unsatisfactory .....	2
	Premises rendered satisfactory .....	2

Statutory action was taken, under the Food Hygiene Regulations, against a large bakery firm, following inspection of delivery vans operating in the district. This resulted in fines, totalling £270 being imposed at Beccles Magistrates' Court on 1st January, 1971.

(c)	Premises registered under the Food and Drugs Act, 1955 :	
	Ice Cream—storage and sale .....	23
	Sausages — preserved foods .....	1
(d)	Poultry processing and inspection :	
	Number of poultry processing premises within the district .....	2
	Number of visits to poultry processing premises within the district .....	341
	Total number of birds processed during year .....	broilers 3,891,455 turkeys 655,051
	Types of bird processed .....	broilers, capons, turkeys
	Percentages of birds rejected as unfit for human consumption .....	broilers 0.9089 turkeys 0.6704
	Weight of poultry condemned as unfit for human consumption :	63 tons 11 cwt. 97 lbs.

The "spotter" system of inspection is in operation at the Poultry Processing Factories in accordance with Circular 21/61 (Ministry of Agriculture, Fisheries & Food).



There is continuing evidence that many chickens arriving at the factory are infected with various types of salmonellae, but infection is reduced by the addition of chlorine to the water supplying the factory as under :—

On the evisceration line — 15 p.p.m.

In the spin chiller — 50 p.p.m.

A high standard of hygiene has been maintained through the year.

### SCRAP METAL DEALERS ACT, 1964

Number of dealers registered	.....	.....	.....	.....	.....	.....	.....	.....	9
------------------------------	-------	-------	-------	-------	-------	-------	-------	-------	---

### ANIMAL BOARDING ESTABLISHMENTS

Number of premises registered	.....	.....	.....	.....	.....	.....	.....	.....	1
-------------------------------	-------	-------	-------	-------	-------	-------	-------	-------	---

### BUILDING DEVELOPMENT

During the year four hundred and seventy two plans were considered under the Building Regulations.

### RODENT CONTROL

- (a) Inspections and treatment:
- |                              |                     |       |       |       |       |       |       |      |
|------------------------------|---------------------|-------|-------|-------|-------|-------|-------|------|
| Number of premises inspected | .....               | ..... | ..... | ..... | ..... | ..... | ..... | 1132 |
| Number of premises treated   | (i) dwellinghouses  | ..... | ..... | ..... | ..... | ..... | ..... | 216  |
|                              | (ii) other premises | ..... | ..... | ..... | ..... | ..... | ..... | 185  |
- (b) The Council provided a contract service during the year to forty-three farms and small-holdings.

### PUBLIC CLEANSING

- (a) Refuse Collection and Disposal :
- The compression vehicle has enabled the department to offer a clean and efficient service to all parts of the district.
- |                                                  |       |       |       |       |       |       |       |        |
|--------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|--------|
| Quantity of refuse collected during year in tons | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 2,900  |
| Miles travelled                                  | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 12,661 |
- Frequency of collections —
- |                                   |                        |       |       |       |       |       |       |       |
|-----------------------------------|------------------------|-------|-------|-------|-------|-------|-------|-------|
| Worlingham, Holton and North Cove | Weekly—properties      | ..... | ..... | ..... | ..... | ..... | ..... | 818   |
| Remaining villages                | Fortnightly—properties | ..... | ..... | ..... | ..... | ..... | ..... | 1,671 |
- Disposal :
- Two tips at North Cove and St. John
- Tipping facilities were provided for Bungay U.D.C. at St. John. Reciprocal arrangements were made with that Council for the use of their Homersfield tip in the rural district.
- (b) Cesspool Emptying :
- The Council continued to provide a comprehensive service for its own and three other districts during the year. Arrangements were made with Bungay Urban District Council for the regular removal of sludge from their town works.

Facilities were made available to the Beccles Borough, Halesworth and Bungay Urban District Councils.

				Number of Cesspools and Septic Tanks	Number of Loads
Local Authority	.....	.....	.....	66	98
Private	.....	.....	.....	408	623
Total				474	721

## SEWERAGE AND SEWAGE DISPOSAL

- (a) The Council's programme for the provision of main sewerage within its district is approaching completion.  
 During the year, the Rumburgh/All Saints scheme was completed and the Mettingham contract under way. The extension to the Ash Tree Works at Worlingham was also substantially completed.  
 Nineteen parishes now have a sewerage scheme in operation; a substantial achievement for a district of such scattered population.

Sewered Parishes	Number of Premises in Parish	Length of Sewers in yards
Blyford	46	913
Brampton/Stoven	145	2604
Flixton	47	967
Holton	208	4503
Homersfield	54	647
North Cove	67	763
Ringsfield	84	1581
Rumburgh/All Saints	138	2498
St. Andrew (Top Road)	100	910
St. James	58	1518
St. Lawrence with Spexhall	129	1852
St. Margaret Ilketshall	63	658
Shipmeadow	33	1310
Westhall	93	1379
Willingham with Shadingfield	92	940
Wissett	103	732
Worlingham	511	4421
		<hr/>
		28,196
<b>Schemes Under Construction:</b>		
Mettingham	38	
<b>Schemes in course of Preparation:</b>		
Redisham	43	
<b>Schemes Approved in Principle :</b>		
St Cross/St. Margaret S.E.	57	
Barsham City	17	

- (b) Total length of sewers controlled by Council (miles) ..... 16
- (c) Sewer Connections :  
 Connections made during year ..... 35

- (d) Sewage Effluents :  
 Careful attention was given to the maintenance of proper standards of effluent, there being good co-operation with the East Suffolk and Norfolk River Authority.



All the works are producing effluents within the Royal Commission Standards and typical analyses for B.O.D. and S.S. are given below :

Parishes	Biochemical Oxygen Demand p.p.m.	Suspended Solids p.p.m.
*Brampton	6.1	4
*Flixton	5.6	16
*Homersfield	7.0	15
*Ringsfield	21	35
*Rumburgh/All Saints	6.9	13
*St. Andrew (Top Road area)	7.6	20
*St. James	7.5	10
*St. Lawrence	4.0	11
*St. Margaret Ilketshall	2.0	17
Shipmeadow	6.8	12
*Westhall	16.5	26
*Willingham	16.0	12
Worlingham	13.5	6
* Before polishing		

(e) Disposal of Sewage in co-operation with Neighbouring Authorities:

In Beccles Borough area eighty-eight properties and one primary school are drained to the Worlingham works.

Sewage from Barnby and Mutford in the Lothingland Rural District, is pumped to the Worlingham works.

Sewers in the parish of Holton drain into the Halesworth Urban District Council system.

All sewage from the Blyford and Wissett schemes is pumped to Halesworth.

### WATER SUPPLIES

- (a) The area is well served by the East Anglian Water Company.
- (b) The department continued to sample both private and public supplies. Excellent co-operation was maintained with the Company.
- (c) The water supply to the Rural Area has been satisfactory in quality and quantity.
- (d) The District is supplied from three different sources situated at Holton, Barsham and Bungay.  
Copies of typical bacteriological and chemical analysis by Messrs. Lincolne, Sutton and Wood Ltd. are given below.

### Certificate of Analysis of Water — Treated Water

Date received ..... 14th October 1971  
Sample received from ..... East Anglian Water Company  
Marked ..... Barsham

**Results of Chemical Analysis in parts per Million**

Ammoniacal nitrogen	.....	.....	.....	.....	.....	.....	.....	0.02
Albuminoid nitrogen	.....	.....	.....	.....	.....	.....	.....	0.03
Nitrate nitrogen	.....	.....	.....	.....	.....	.....	.....	0.9
Nitrite nitrogen	.....	.....	.....	.....	.....	.....	.....	Nil
Chlorion as Chlorine	.....	.....	.....	.....	.....	.....	.....	4.8
Permagnate Value	.....	.....	.....	.....	.....	.....	.....	0.34
Hardness :								
Total	.....	.....	.....	.....	.....	.....	.....	390
Carbonate (temporary)	.....	.....	.....	.....	.....	.....	.....	265
Non-carbonate (permanent)	.....	.....	.....	.....	.....	.....	.....	125
Free carbon dioxide	.....	.....	.....	.....	.....	.....	.....	28
Total solids (at 180 degrees C.)	.....	.....	.....	.....	.....	.....	.....	510
Iron (total)	.....	.....	.....	.....	.....	.....	.....	0.06
Metals in solution — lead, copper, zinc	.....	.....	.....	.....	.....	.....	.....	Nil
Odour	.....	.....	.....	.....	.....	.....	.....	Nil
Flouride	.....	.....	.....	.....	.....	.....	.....	Nil
pH.	.....	.....	.....	.....	.....	.....	.....	7.1
Colour	.....	.....	.....	.....	.....	.....	.....	Nil
Appearance	.....	.....	.....	.....	.....	.....	.....	Clear
Deposit	.....	.....	.....	.....	.....	.....	.....	Nil

**Bacteriological Examination Report**

## Plate Count :

Colonies per ml. on agar at 37 degrees C., 2 days	.....	.....	Nil
Probable number of coliform organisms per 100 ml. MacConkey			
2 days, 37 degrees C. Number of Bact. Coli. (type I)	.....	.....	Nil

**Remarks**

In our opinion this water is suitable for drinking and general purposes.

**Certificate of Analysis of Water — TREATED WATER**

Date Received	.....	.....	.....	.....	.....	2nd August, 1971
Sample received from	.....	.....	.....	.....	.....	East Anglian Water Company
Marked	.....	.....	.....	.....	.....	Bungay Works

**Results of Chemical Analysis in Parts per Million**

Ammoniacal nitrogen	.....	.....	.....	.....	.....	.....	.....	0.01
Albuminoid nitrogen	.....	.....	.....	.....	.....	.....	.....	0.03
Nitrate Nitrogen	.....	.....	.....	.....	.....	.....	.....	0.3
Nitrite nitrogen	.....	.....	.....	.....	.....	.....	.....	Nil
Chlorion as Chlorine	.....	.....	.....	.....	.....	.....	.....	76
Permagnate Value	.....	.....	.....	.....	.....	.....	.....	0.88
Hardness :								
Total	.....	.....	.....	.....	.....	.....	.....	355
Carbonate (temporary)	.....	.....	.....	.....	.....	.....	.....	215
Non-carbonate (permanent)	.....	.....	.....	.....	.....	.....	.....	140
Free carbon dioxide	.....	.....	.....	.....	.....	.....	.....	34
Total solids (as 180 degrees C.)	.....	.....	.....	.....	.....	.....	.....	510
Iron (total)	.....	.....	.....	.....	.....	.....	.....	0.10
Metals in solution — lead, copper, zinc	.....	.....	.....	.....	.....	.....	.....	Nil
Flouride	.....	.....	.....	.....	.....	.....	.....	0.25
pH.	.....	.....	.....	.....	.....	.....	.....	7.0
Colour	.....	.....	.....	.....	.....	.....	.....	Nil
Appearance	.....	.....	.....	.....	.....	.....	.....	Clear
Deposit	.....	.....	.....	.....	.....	.....	.....	Iron Compounds
Odour	.....	.....	.....	.....	.....	.....	.....	Nil
Taste	.....	.....	.....	.....	.....	.....	.....	Satisfactory
Manganese as Mn	.....	.....	.....	.....	.....	.....	.....	0.12



## Bacteriological Examination Report

### Plate Count :

Colonies per ml. on agar at 37 degrees C., 2 days	.....	.....	Nil
Probable number of coliform bacilli per 100 ml.	.....	.....	Nil

### Remarks :

This water is of very good organic quality and there is no chemical evidence of pollution. Its analytical characteristics as a whole are within the range of previous samples. The manganese, rather exceptionally, is higher than that of the iron content. In our opinion this water is suitable for drinking and general purposes.

## Certificate of Analysis of Water — TREATED WATER

Date received	.....	.....	.....	.....	.....	2nd August, 1971
Sample received from	.....	.....	.....	.....	.....	East Anglian Water Company
Marked	.....	.....	.....	.....	.....	Holton

## Results of Chemical Analysis in Parts per Million

Ammoniacal nitrogen	.....	.....	.....	.....	.....	.....	.....	Nil
Albuminoid nitrogen	.....	.....	.....	.....	.....	.....	.....	0.01
Nitrate nitrogen	.....	.....	.....	.....	.....	.....	.....	0.5
Nitrite nitrogen	.....	.....	.....	.....	.....	.....	.....	Nil
Chlorine as chlorine	.....	.....	.....	.....	.....	.....	.....	146
Permanganate Value	.....	.....	.....	.....	.....	.....	.....	0.52
Hardness :								
Total	.....	.....	.....	.....	.....	.....	.....	350
Carbonate (temporary)	.....	.....	.....	.....	.....	.....	.....	250
Non-carbonate (permanent)	.....	.....	.....	.....	.....	.....	.....	100
Free Carbon dioxide	.....	.....	.....	.....	.....	.....	.....	24
Total solids (at 180 degrees C.)	.....	.....	.....	.....	.....	.....	.....	570
Iron (Total)	.....	.....	.....	.....	.....	.....	.....	0.06
Metals in solution, lead, copper, zinc	.....	.....	.....	.....	.....	.....	.....	Nil
Manganese as Mn.	.....	.....	.....	.....	.....	.....	.....	0.01
Fluoride	.....	.....	.....	.....	.....	.....	.....	0.50
pH.	.....	.....	.....	.....	.....	.....	.....	7.3
Appearance	.....	.....	.....	.....	.....	.....	.....	Clear
Deposit	.....	.....	.....	.....	.....	.....	.....	Nil
Taste	.....	.....	.....	.....	.....	.....	.....	Satisfactory
Odour	.....	.....	.....	.....	.....	.....	.....	Nil

## Bacteriological Examination Report

### Plate Count :

Colonies per ml. on agar at 37 degrees C., 2 days	.....	.....	Nil
Probable number of coliform bacilli per 100 ml.	.....	.....	Nil

### Remarks :

The treated water is of very good organic quality and its bacteriological condition is good. The analysis as a whole is satisfactory and in our opinion this water is well adapted for the purposes of a public supply.

(d) Water Sampling :

<i>Samples Taken</i>	<i>Supply</i>	<i>Samples Taken</i>	<i>Satisfactory</i>	<i>Unsatisfactory</i>
Bacteriological	Private	14	3	11
	Public	12	11	1
Chemical	Private	4	2	2
	Public	3	3	—

During the year five bacteriological samples were taken from the three sources.

- (e) The waters are not liable to have plumbo-solvent action. All the samples show the characteristic hardness of East Anglian waters.
- (f) No contamination of any form during the year.
- (g) Number of dwelling houses supplied with mains water direct to the houses ..... 2356  
Number of dwelling houses supplied with mains water by means of stand-pipes ..... 70

Total number of inhabited houses	.....	.....	.....	.....	.....	.....	2489
Number of houses not supplied with mains water	.....	.....	.....	.....	.....	.....	63
Estimated population supplied with mains water direct to houses	.....	.....	.....	.....	.....	.....	6389
Estimated population supplied with mains water by stand-pipes	.....	.....	.....	.....	.....	.....	189
					Total	.....	6578

Estimated total population	.....	.....	.....	.....	.....	.....	6750
Estimated population not supplied with mains water	.....	.....	.....	.....	.....	.....	172
Estimated number of persons per house	.....	.....	.....	.....	.....	.....	2.71



Names of Parish	Supplied by Mains Water Direct		Supplied by Stand-pipe	
	Houses	Population	Houses	Population
All Saints	48	131	1	3
Barsham	75	203	2	5
Blyford	40	108	2	5
Brampton	105	208	—	—
Ellough	16	43	—	—
Flixton	46	125	1	3
Holton	227	616	1	3
Mettingham	71	193	8	21
North Cove	60	163	2	5
Redisham	35	95	9	24
Ringsfield	76	201	7	19
Rumburgh	85	231	—	—
St. Andrew	95	258	9	24
St. Cross	40	108	2	5
St. James	54	147	1	3
St. John	9	24	—	—
St. Lawrence	62	169	1	3
St. Margaret Ilketshall	60	163	1	3
St. Margaret South Elmham	34	93	1	3
St. Mary (Homersfield)	45	122	—	—
St. Michael	18	49	—	—
St. Peter	14	38	—	—
Shadingfield	41	111	—	—
Shipmeadow	32	87	1	3
Sotherton	27	73	3	8
Sotterley	43	117	2	5
Spexhall	64	174	1	3
Stoven	27	73	—	—
Westhall	88	239	5	14
Weston	65	176	2	5
Willingham	48	130	—	—
Wissett	93	252	4	11
Worlingham	513	1392	4	11
	2356	6389	70	189

### PUBLIC SWIMMING BATHS

There are no public swimming baths in the area

### COMMON LODGING HOUSES

There are no common lodging houses in the area

### NATIONAL ASSISTANCE ACT 1948, SECTION 47

No persons removed under the provisions of this Act



**FACTORIES ACT, 1937 — 61**  
**Prescribed Particulars on the Administration of the Factories Act, 1937**  
**for the Rural District of Wainford**  
**Part I of the Act**

(a) Inspections :

<i>Premises</i>	<i>Number on Register</i>	<i>Number of Inspections</i>
1. Factories in which Sections 1, 2, 3, 4, and 6 are to be enforced by Local Authorities .....	1	4
2. Factories not included in 1, in which Section 7 is enforced by the Local Authority .....	23	81
3. Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises) .....	33	79
Total .....	57	164

(b) Cases of Inspection in which Defects were found :

<i>Particulars</i>	<i>Found</i>	<i>Remedied</i>
1. Ineffective drainage of floors .....	—	—
2. Sanitary Conveniences : .....	—	—
Insufficient .....	—	—
Unsuitable or defective .....	2	2
Not separate for sexes .....	—	—
3. Other offences against the Act (not including offences relating to out-work) .....	—	—
Total .....	2	2

**Part VIII of the Act**  
**Outwork**  
**(Sections 133 and 134)**

<i>Nature of work</i>	<i>No. of out workers in August list required by Section (133)</i> (1) (c) (2)	<i>No. of cases of default in sending lists to the Council</i> (3)	<i>No. of prosecutions for failure to supply lists</i> (4)	<i>No of instances of work in unwhole-some premises</i> (5)	<i>Notices Served</i> (6)	<i>Prosecutions</i> (7)
Wearing Apparel (making)	8	—	—	—	—	—

## AGRICULTURE (SAFETY, HEALTH AND WELFARE PROVISIONS) ACT, 1956

(a)	Number of agricultural premises in area	.....	.....	.....	.....	.....	.....	315
(b)	Number of agricultural premises where persons employed (estimated) other than occupier and family	.....	.....	.....	.....	.....	.....	110
(c)	Number of agricultural premises inspected	.....	.....	.....	.....	.....	.....	31
(d)	Number of premises where informal action taken	.....	.....	.....	.....	.....	.....	—
(e)	Number of premises where formal action taken	.....	.....	.....	.....	.....	.....	—

## THE OFFICES, SHOPS AND RAILWAY PREMISES ACT 1963

(a) Registration and general inspections :

<i>Class of premises</i>	<i>No. of premises registered during the year</i>	<i>No. of premises inspected generally</i>
Offices	1	7
Retail shops	—	3
Wholesale shops, warehouses	—	—
Catering establishments open to the public, canteens	1	4
Fuel storage depots	—	—

(b) Analysis of persons employed :

<i>Class of workplace</i>	<i>No. of persons employed</i>
Offices	57
Retail shops	5
Wholesale departments, warehouses	—
Catering establishments open to public	8
Canteens	3
Fuel storage depots	—
<b>Total</b>	<b>73</b>
<b>Total Males</b>	<b>36</b>
<b>Total Females</b>	<b>37</b>

(c) Total number of visits to registered premises ..... 78











**Silhoutte Printers, Stanley Road, Diss**